



Air Quality Data Updates

Moderator:
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Air Quality Data Updates

- **Exchange Network**
 - Lew Weinstock, EPA OAQPS
- **AQS Updates**
 - Darren Palmer, EPA Region 4
- **Air Quality Data Analysis Tools**
 - Daniel Garver, EPA Region 4

Exchange Network Implementation

Lew Weinstock
EPA OAQPS



Air Quality System Updates

Darren Palmer
EPA Region 4



SO₂ 5-min Data Reporting

- **maximum 5-minute SO₂ average from each hour**
 - Parameter Code: 42406
 - Duration Code: 1
 - POC: 1 (suggested)
- **ALL of the twelve 5-minute averages from each hour**
 - Parameter Code: 42401
 - Duration Code: H
 - POC: 2 (suggested)



AMP255

- **SO₂ 5-min Max**
 - AMP255 will no longer report the 5-minute data, and will only report on the hourly SO₂ data
- **SO₂ and NO₂ "spurious" Stat/CR errors**
 - Stat/CR errors when loading SO₂ and NO₂ data
 - A configuration table didn't get set up correctly when NO₂ and SO₂ were converted from PPM to PPB



Pb Data Reporting

- Pb monitoring in SLAMS networks
 - Report data to AQS under 14129
- Pb monitoring in Air Toxics networks
 - Can continue reporting data to AQS under 12128 if desired



Design Value Report Updates

- SO₂ changes should have been made this weekend
- Pb and NO₂ changes should be made by the end of May
- “Creditable Samples” fix



Audit Level Changes

- **For 2010 data**
 - the 5 audit level convention is still in place, and
 - data reporting requirements have not changed
- **For 2011 data**
 - moving towards supporting 10 audit levels for the criteria gases
 - Until AQS is modified, a "work-around" is described in the AQS User memo dated March 10, 2011 for reporting 2011 performance evaluations (using the accuracy transaction for gases)



FYI

- **Would like input:**
 - Remove TSP (11101) from the "Criteria" list in AQS
- **Discoverer users? Interested in Exceptional Events?**
 - use the "Raw_Data_Concurrences" folder for EE work.
- **EPA AQI iPhone App Update**
 - Also, Android App being developed